Data Sheet

We make sure

FUJITSU COMPUTERS SIEMENS

AMILO M1437G

With Intel® Pentium® M Processor -

Issue Mai 2005

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The AMILO M1437G is a high performance all round notebook with only true mobile components. The elegant and slim design with its 15.4" crystal view widescreen display (16:9 format) makes the AMILO M1437G an excellent multimedia notebook. Furthermore the display's resolution - WXGA (1280x800) - and the crystal view technology make your picture amazingly sharp and detailed.
Combined with high performance graphics, ATI Mobility Radeon X700 and 128 MB video RAM, this notebook presents you a great graphic performance for video streaming, etc. in an attractive package.
You get even more: InstantOn functionality and a build in remote control. This guarantees as much comfort as possible for you!
Additionally the "silent mode" function reduces the fan noise by diminishing the power.

Features:

- Intel® Centrino™ mobile technology
  with Intel® Pentium® M Processor up to Intel 770
- Unique 15.4"- inch TFT LCD WXGA (1280x800) display with
  - Crystal View
  - High brightness
  - Wide view
- Remote control (built in) and InstantOn functionality
- 4 in 1 card reader supports SD/MS/MMC/MSPRO multimedia storage cards
- Connect your notebook to external peripherals, storage devices or video equipment through the various USB 2.0, SPDIF and IEEE 1394, DVI-I ports
- Included WLAN 802.11b/g
- PCI Express graphic card based on MXM type 1:
  ATI Mobility Radeon X700 with 128 MB RAM
- Built-in DVD Dual Double Layer (8.5GB)
  for maximum user comfort
- Up to 1 GB with two DDR2 SO-DIMM 512MB modules (400MHz)
- Silent mode functionality
- Windows XP Home and Microsoft Media Center Edition (optional)

Operating system
Windows XP Home
Microsoft Media Center Edition (optional)

Fujitsu Siemens Computers recommends Microsoft® Windows® XP

InstantOn from CyberLink
Fast booting multimedia functions for:
- Movie Playback (CD, DVD, HDD, USB)
- Music Playback (CD, MP3, USB, HDD)
- Photo (CD, DVD, HDD, USB)

Application Software (optional)

a) Microsoft Works Suite 2005:
including Word 2002, Works 8, Microsoft Encarta® Encyclopaedia Standard 2005, Microsoft Picture It!® 10.0, Microsoft AutoRoute 2005, Microsoft Money 2005**
b) Microsoft Entertainment Pack:
including Microsoft Works 8.0, Microsoft Encarta® Encyclopaedia Standard 2005, Microsoft Picture IT 10.0, Microsoft Autoroute 2005, Microsoft Zoo Tycoon 1.0, Microsoft Office Trial Student & Teacher Edition*
*availability depending on language
c) Word 2002A / Works 8.0
d) Works 8.0 + Office Trial Student & Teacher Edition (optional)

Adobe Photoshop Elements 3.0 (optional)
Magix Media Suite (optional)
Pinnacle Studio 9 SE

DVD Playing & Burning Software
PowerDVD 6
Nero burning ROM 6

Driver & Utility DVD including:
Adobe Acrobat Reader

Norton Internet Security 2005 or Norman Anti-Virus or Norman Internet Control

Internet Service Providers: country specific

Manual, Safety Guide and Warranty Guide

System, processors, architecture
Chipset: Intel 915PM+ICH6M
CPU: Intel® Pentium® M processor (533MHz FSB / 2MB SLC) Dothan with 90nm, supporting
- EIST Enhanced Intel SpeedStep® technology
- XD (Execute Disable) Bit support

Speeds:
- Pentium M 730 (1.60 GHz)
- Pentium M 740 (1.73 GHz)
- Pentium M 750 (1.86 GHz)
- Pentium M 760 (2.0 GHz)
- Pentium M 770 (2.13 GHz) – project only

Memory
2 SO-DIMM memory slots (no memory on board)
256MB DDR2 400MHz
512MB DDR2 400MHz

Storage devices/drives
HDD: SATA HDD (5400rpm): 60 & 80 GB SATA hard disk; 120 GB (avaiable in Q3 2005)
ODD: 8x Multi-format DVD burner with double layer
- Read speed: CD-ROM 24x, DVD-ROM 8x
- Write speed: CD-R 24x, CD-RW20x, DVD+R6x, DVD-R 6x, DVD+RW 4x, DVD-RW 4x, DVD+R DL (Double Layer 8.5 GB) 2,4x

Display
15.4" TFT WXGA, crystal view
Resolution (physic.) 1280x800
Brightness (typ.) >190cd/m^2
ISO 13406-2 class II

ACPI functions
S1 standby (LCD off)
S3 save to RAM
S4 save to disk
S5 complete off
Silent Mode

Graphics
PCI Express graphic card based on MXM type 1:
ATI Mobility Radeon X700
128 MB DDR1 external Video RAM

I/O Interfaces
1x IEEE1394, 3x USB 2.0 ports, 1x S-Video
1x DVI-I, 1 x modem, 1x LAN, 1x WLAN
4 in 1 card reader SD/MS/MMC/MSPRO
1x ExpressCard slot (34/54mm)
1x headphone out combined with 1x SPDIF
1x microphone in combined with 1x line in, 1x CIR
1x power supply

Communications
- Built-in 56K, V.92 fax modem
- 10/100/1000 Mbps LAN
- Integrated Wireless LAN (WLAN) solution 802.11 b/g: Intel® PRO/Wireless 2200BG
  - speeds up to 54Mbps
  - industry standard wireless LAN security support
  - Intel® Intelligent Scanning Technology for optimal power management

Audio
Azalia codec (7.1 SPDIF), 2 built-in speakers, built-in microphone, microphone in combined with stereo line-in, headphone out shared with. SPDIF support
1x subwoofer
1x volume regulator (per function key and volume wheel)

Launch Keys
4 Launch Keys located on top of the keyboard enableing the user to launch the following applications:
- E-mail
- Internet browser
- Silent mode (reduce noise level / fan speed, by reducing the CPU & VGA performance) (Office applications, Internet and DVD playback are not affected)
- InstantOn

Hot Keys
The following hotkeys or key combinations are available:
Fn-F1 Suspend
Fn-F3 Mute
Fn-F4 Display toggle, switches display output between display screen and external monitor or to dual view
Fn-F5 Volume up
Fn-F6 Volume down
Fn-F7 Increase display brightness
Fn-F8 Decrease display brightness

Pointing device & control buttons
Touchpad with a left and right mouse button, scroll down and scroll up, touchpad - disable button
Power button / lid switch

Status indicators
The notebook has 9 (blue LED) status icons:
Wireless communication, Caps lock, Num lock, Scroll lock, Media activity (ODD/HDD), power status, battery status, silent mode and power on

Security
User and supervisor password
Kensington Lock support

Power system
Li-Ion battery, 6 cells, 10.8/11.1V / 4400mAH
approximately. 2:00 hrs battery runtime, depending on usage[1]
Dynamic charge supported, ACPI 2.0 supported
External universal AC adapter: 110 – 240 V AC, 50 - 60HZ, output: 90 W with 20 V DC, 4,5Amp

Dimensions and weight
360 mm (W) x 269 mm (D) x 37.1 mm (H)
3.1 kg [2]

Operating conditions
Operational: 5℃ to 35℃ (ambient temperature)
10% to 90% relative humidity, non-condensing
AC input 110 - 240 V, 50 - 60 Hz

Accessories (included)
DVI-I / CRT adapter
Remote control (Size of Express-card, shipped in slot) for InstantOn and PowerCinema

Certifications
CE Marking
R&TTE (WLAN)
GOST

Warranty
Country-specific terms

Options
AC adapter 90W
Car adapter
First Battery 6-cell
ExpressCard TV Tuner (DVB-T/analog)
Planned for Q3/2005

1) Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage.
2) Weight may vary depending on actual configuration

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